

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S25   | 0    | esd and "polycrystalline diode string"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 08:34 |
| S26   | 2    | esd and "polycrystalline diode\$" and string        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 08:58 |
| S27   | 2    | esd and "polycrystalline diode\$" and trench        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 08:59 |
| S28   | 2    | protection and "polycrystalline diode\$" and trench | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 09:00 |
| S29   | 32   | protection and "polysilicon diode\$" and trench     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 09:05 |
| S30   | 71   | protection and "polysilicon diode\$" and trench     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 09:11 |
| S31   | 251  | 257/356.ccls. and polysilicon                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 09:41 |
| S32   | 141  | 257/356.ccls. and polysilicon and diode             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/26 10:22 |

## EAST Search History

|     |     |  |                              |    |     |                  |
|-----|-----|--|------------------------------|----|-----|------------------|
| S33 | 0   | ("4616404" "5674761" "5856214" "6015993" "6069584" "6118155" "6229157" "6232163").PN".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 10:23 |
| S34 | 125 | ("4616404" "5674761" "5856214" "6015993" "6069584" "6118155" "6229157" "6232163").PN"  | USPAT                        | OR | OFF | 2006/04/26 10:23 |
| S35 | 8   | ((("4616404") or ("5674761") or ("5856214") or ("6015993") or ("6069584") or ("6118155") or ("6229157") or ("6232163"))).PN.         | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 11:04 |
| S36 | 7   | ((("6762440") or ("20020167052") or ("6413822") or ("6611026") or ("6844596") or ("5536958") or ("5736779"))).PN.                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/04/26 11:27 |
| S37 | 8   | ((("6762440") or ("20020167052") or ("6413822") or ("6611026") or ("6844596") or ("5536958") or ("5736779") or ("20020033504"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/04/26 15:09 |
| S38 | 1   | ("20060014125").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/04/26 15:13 |
| S39 | 1   | ("6645820").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/04/26 15:32 |
| S40 | 1   | ("6690065").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/04/26 15:51 |
| S41 | 124 | sti and "trench liner"   | USPAT                        | OR | OFF | 2006/04/26 15:52 |
| S42 | 66  | S41 and polysilicon  | USPAT                        | OR | OFF | 2006/04/26 16:01 |
| S43 | 1   | ("5741740").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:18 |
| S44 | 1   | ("5365099").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:26 |
| S45 | 1   | "5012313".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:24 |
| S46 | 1   | "4962411".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:25 |
| S47 | 1   | "4599631".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:25 |
| S48 | 1   | "4075649".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:25 |
| S49 | 1   | "4051504".PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/04/26 16:25 |
| S50 | 11  | "polysilicon zener diode"  | USPAT                        | OR | OFF | 2006/04/26 16:26 |